

PATENT

ATTORNEY DOCKET NO.: SCRIP1210-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Cravatt et al.
Application No.: 09/836,148
Filed: April 16, 2001
Title: PROTEOMIC ANALYSIS

Art Unit: 1639
Examiner: M. Tran

Mail Stop: Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22314

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §1.97, enclosed are references relating to the above-identified application. Each item of information contained in the Information Disclosure Statement was first cited in a communication in a related foreign patent application not more than three months prior to the filing of this submission. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and that its consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 30, 2004, in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Lisa E. Jambeau

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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement as the items of information contained in this statement were cited in a communication from a foreign patent office in a counterpart foreign application, the communication being dated August 30, 2004, which is not more than three months prior to the filing of this statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

Date: November 30, 2004

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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SCRIP1210-4 Applicant(s): Benjamin F. Cravatt, et al. | Serial No.: 09/836,148 Filing Date: April 16, 2001 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Group Art Unit: 1639 | Examiner Name: Tran, M. |

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|-------------------|--------------------|------|------|-------|---------------|----------------|
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FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION (YES/NO) |
|-------------------|--------------------|------|---------|-------|---------------|-------------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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| AA | Bogyo et al., "Substrate Binding and Sequence Preference of the Proteasome Revealed by Active-Site-Directed Affinity Probes", Chemistry and Biology, Current Biology, London, GB, Vo. 5, No. 6, pp. 307-320 (1998) |
| AB | Faleiro et al., "Multiple Species of CPP32 and Mch2 are the Major Active Caspases Present in Apoptotic Cells", EMBO Journal, Oxford University Press, Surrey, GB, Vo. 16, No. 9, pp 2271-2281, (1997) |
| AC | Greenbaum et al. "Epoxide Electrophiles as Activity-Dependent Cysteine Protease Profiling and Discovery Tools", Chemistry and Biology, Current Biology, London, GB, vol. 7, No.8, pp. 569-581, (2000) |
| AD | Horner et al., "Organophosphorus Compounds 110. Specific Fluorescence Labeling of Serine Enzymes", Liebigs Annalen De Chemie, No. 1 pp. 1-21 (1985) |
| AE | Kay et al., "The Synthesis Kinetic Characterization and Application of Biotinylated Aminoacylchloromethanes for the Detection of Chymotrypsin and Trypsin-like Proteinases", Biochemical Journal, Portland Press, London, GB, Vol. 283, pp. 455-459 (1992) |
| AF | Martins et al. "Activation of Multiple Interluekin-1 β Converting Enzymes Homologues in Cytosol and Nuclei of HL-60 Cells during Etoposide-induced Apoptosis" Journal of Biological Chemistry, Vol. 272, No. 11, Issue of March 14, pp 7421-7430 (1997) |
| AG | Thornberry et al., "Inactivation of Interluekin-1 β Converting Enzyme by Peptide (Acylxy) methyl Ketones", Biochemistry, American Chemical Society, Easton, PA, US, Vol. 33, No. 13, pp. 3934-3940 (1994) |

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| EXAMINER | DATE CONSIDERED |
| | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449